

DIVISION OF OIL, GAS, AND MINING
BOND ESTIMATE

037/040

OPERATOR: Atlas Minerals
MINE NAME: Velvet
LOCATION: Lisbon Valley
COUNTY: San Juan
DATE: December 27, 1982

Operation	Amount	Rate	Cost
CLEAN-UP			
1. Removal of structures & equipment.	7,800 ft ²	\$1.50/ft ²	\$11,700
2. Removal of trash & debris.	22.0 acres	\$100/acre	\$2,200
3. Leveling of ancillary facilities pads and access roads.	3.0 acres	\$1000/acre	\$3,000
REGRADING & RECONTOURING			
1. Earthwork including haulage and grading of spoils, waste and overburden.	19.0 acres	\$1,000/acre	\$19,000
2. Recontouring of highwalls and excavations.	N/A	N/A	N/A
3. Spreading of soil or surficial materials.	40 hrs	1000 \$60/hr	\$2,400 4000
STABILIZATION			
1. Soil preparation, scarification, fertilization, etc.	----- Included in regrading -----		
2. Seeding or planting.	22.0 acres	\$125/acre	\$2,750
3. Construction of terraces, waterbars, etc.	----- Included in regrading -----		
LABOR			
1. Supervision.	500 hrs	\$15/hr	\$7,500
2. Labor exclusive of bulldozer time.			
SAFETY			
1. Erection of fences, portal coverings; etc.	1 portal 3 boreholes 1 vent	3000 \$1,000 each 2500	3000 \$3,000 2500
2. Removal or neutralization of explosive or hazardous materials.	N/A	N/A	N/A
MONITORING			
1. Continuing or periodic monitoring, sampling & testing deemed necessary.	120 80 hrs	\$15/hr	\$1,200 1800
OTHER			
1. Fencing to control grazing	2,000 ft	\$1.25/ft	\$2,500
2. Contingency costs	\$55,250	10%	\$5,525
Total	59,250 N/A	N/A	\$60,775 65,945